

10/019065

SEQ_ID	TSP1_a	TSP1_b	TSP1_c	TSP2_a	TSP2_b	TSP2_c	BAI1_a	BAI1_b	BAI1_c	BAI1_d	BAI1_e	BAI2_a	BAI2_b	BAI2_c	BAI2_d	BAI3_a	BAI3_b	BAI3_c	BAI3_d	BTL_012_a	BTL_012_b	BTL_012_c	BTL_012_d	BTL_012_e	BTL_012_f	Consensus
6	DGWSWPSEWT	SCSTSCGNGI	QQRGRSCDSL	NNR---CE	GSSVQTRTCH	IQE-CD	(368-416)																			
7	GGWSHWSPWS	SCSVTCDGV	ITRIRLCNSP	SPQMNGKPCE	GEARETKACK	KDA-CP	(424-477)																			
8	GGWPWSPWD	ICSVTGGGV	QKRSRLCNFP	TPQFGGKDCV	GDVTENQICN	KQD-CP	(481-534)																			
9	EGWSPWAET	QCSVTCGSGT	QQRGRSCDVT	SN----TCL	GPSIOTRACS	LSK-CD	(382-430)																			
10	GGWSHWSPWS	SCSVTGVGN	ITRIRLCNSP	VPQMGGKNCK	GSGRETKACQ	GAP-CP	(438-591)																			
11	GRWSPWSPWS	ACTVTCAAGGI	RERTVCNSP	EPQYGGKACV	GDVQERQMCN	KRS-CP	(495-548)																			
12	GGWKLWSLWG	ECTRDCGGGL	QTRRTCLPA	PGEVEGG-CE	GVLEEGRQCN	REA-CG	(262-315)																			
13	PAAEEWSPWS	VCSSTCGEGW	QTRTRFCVSS	SY----STQCS	GPLREFQLLCN	NSAVCP	(355-407)																			
14	GADEWSPWS	LCSSTCGRFE	RDRTRTCRPP	QF--GGNPCE	GPEKOTKECN	IAL-CP	(410-462)																			
15	GNWNEWSSWS	ACSASCQSQR	QRTRECNGP	SY--GGAEQ	GHWVETRDCF	LQQ-CP	(468-520)																			
16	GRWQAWASMG	SCSVTCCAGGS	QRRERVCSGP	FF--GGACQ	GPODEYRQCG	TQR-CP	(523-575)																			
17	PAAEEWSPWS	VCSLTCGQGL	QVRTRSCVSS	PY---GTLCS	GPLRETRPCN	NSATCP	(298-350)																			
18	GVWEEWGSWS	LCSRSCGRGS	RSRMRTCVPF	QH--GGKACE	GPELOQTKLCS	MAA-CP	(353-405)																			
19	GWLEWGPWG	PCSTSCANGT	QQRSRKCSVVA	GP--AWATCT	GALTDTRECS	NLE-CP	(408-460)																			
20	SKWGPWNAWS	LCSKTCDTGW	QRRFRMCQAT	GT--QGYPC	GTGEEEVKPCS	EKR-CP	(464-516)																			
21	SGVEEWSQWS	TCsvtCGQGS	QVRTRTCVSP	Y----GTHCS	GPLRESRVCN	NTALCP	(292-343)																			
22	GVWEEWSPWS	LCSETCTGRGO	RTRTRSCPTPP	QY--GGRPCE	GPETHHKPCN	IAL-CP	(346-398)																			
23	QWQEEWSSWS	QCSVTCSNGT	QQRSRQCTAA	AH--GGSECR	GPWAESRECY	NPE-CT	(401-453)																			
24	QWNQWGHWS	GCSKSCLDGW	ERRIRTCQGA	VI--TGQQCE	GTGEEEVRC	EQR-CP	(456-508)																			
25	GGFSQWWSAWR	ACSVTCDKGKI	QKRSRLCNQP	LPANGGKPCQ	GSDLEMRNCQ	NKP-CP	(657-711)																			
26	GSWSEWSLWE	ECTRSCLGRGN	QTRTRTCNNP	SVQHGGRPCE	GNAVELIMCN	IRP-CP	(714-768)																			
27	GAWSAWQPMG	TCESECGKGT	QTRARLCNNP	PPAFGGSYCD	GAETQMQVCN	ERN-CP	(771-825)																			
28	GKWATWASWS	ACSVSCGGGA	QRTTRGCSDP	VPOYGGRKCE	GSDVQSDFCN	SDP-CP	(828-882)																			
29	GNWSPWGMG	TCSRTCNGQ	MRRYRTCDNP	PPSNNGRACG	GPDSQIQRCN	TDM-CP	(885-939)																			
30	GSMGSWHSWS	QCSASCGGGE	KTRKRLCDHP	VPKGGRPCP	GDTTQVTRCN	VQA-CP	(942-996)															*	*	*	*	
	*	*	*	*	*	*	*																*	*	*	
	W	W	W	C	C	G	R	R	C													C	C	C		

Fig. 1

1 >PIR2:T00026 brain-specific angiogenesis inhibitor 1 - human  
Length = 1584

Score = 518 (182.3 bits), Expect = 4.9e-46, P = 4.9e-46  
Identities = 92/197 (46%), Positives = 117/197 (59%)

Query: 589 QWSAWRACSVTCGKGIQKRSRLCNQPLPANGGKPCQGSDEMRNCQNKP-CPV 640  
+WS W CS TCG+G Q R+R C . + ++ CG E R C N CPV  
Sbjct: 359 EWSPWSVCSSTCGEGWQTRTRFC---VSSSYSTQCSGPLREQRLCNNSAVCPV 408

Query: 641 DGSWSEWSLWEECTRSCGRGNQTRTRTCNNPSVQHGGRPCEGNAVEIIMCNIR 693  
G+W EWS W C+ +CGRG +.RTRTC P Q GG PCEG + CNI  
Sbjct: 409 HGAWEWSPWSLCSSTCGRGFDRRTCRPP--QFGGNPCEGPEKQTKFCNIA 459

Query: 694 PCP---VHGAWSAWQPWGTCSESCGKGTQTRARLCNNPPPAFGGSYCDGAETQ 743  
CP V G W+ W W CS SC +G Q R R CN P ++GG+ C G +  
Sbjct: 460 LCPGRAVDGNWNEWSSWSACSASCSQGRQORTRECNGP--SYGGAECQGHWVE 510

Query: 744 MQVCNERNCPIHGWATWASWSACSVSCGGGARQRTRGCSDP 785  
+ C + CP+ GKW WASW +CSV+CG G++R R CS P  
Sbjct: 511 TRDCFLQQCPVDGKWAQAWASWGSCSVTCGAGSQRRERVCSPG 552

Fig.\_2

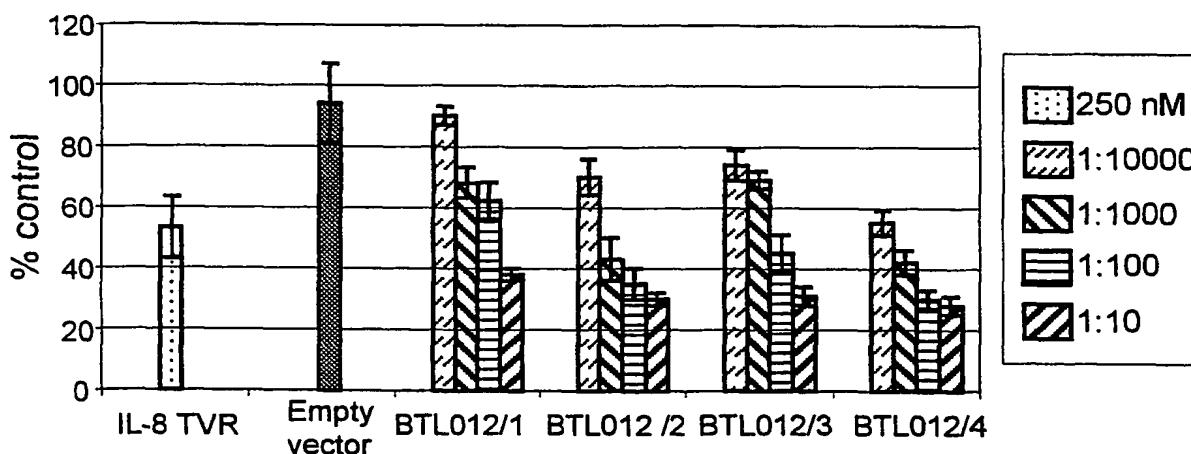


Fig.\_3

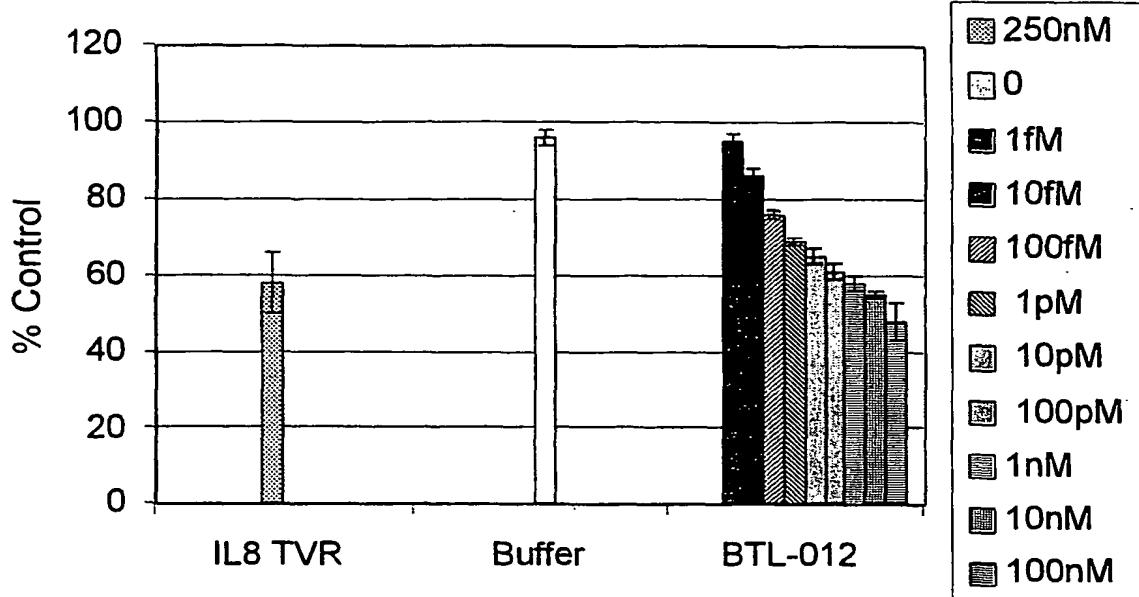


Fig.\_4

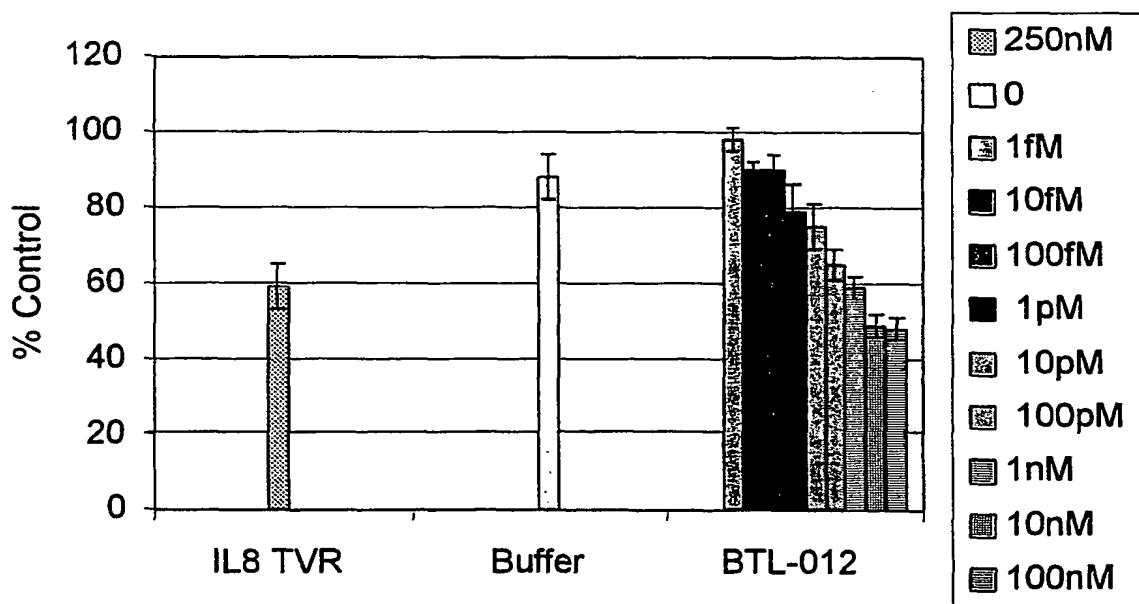


Fig.\_5